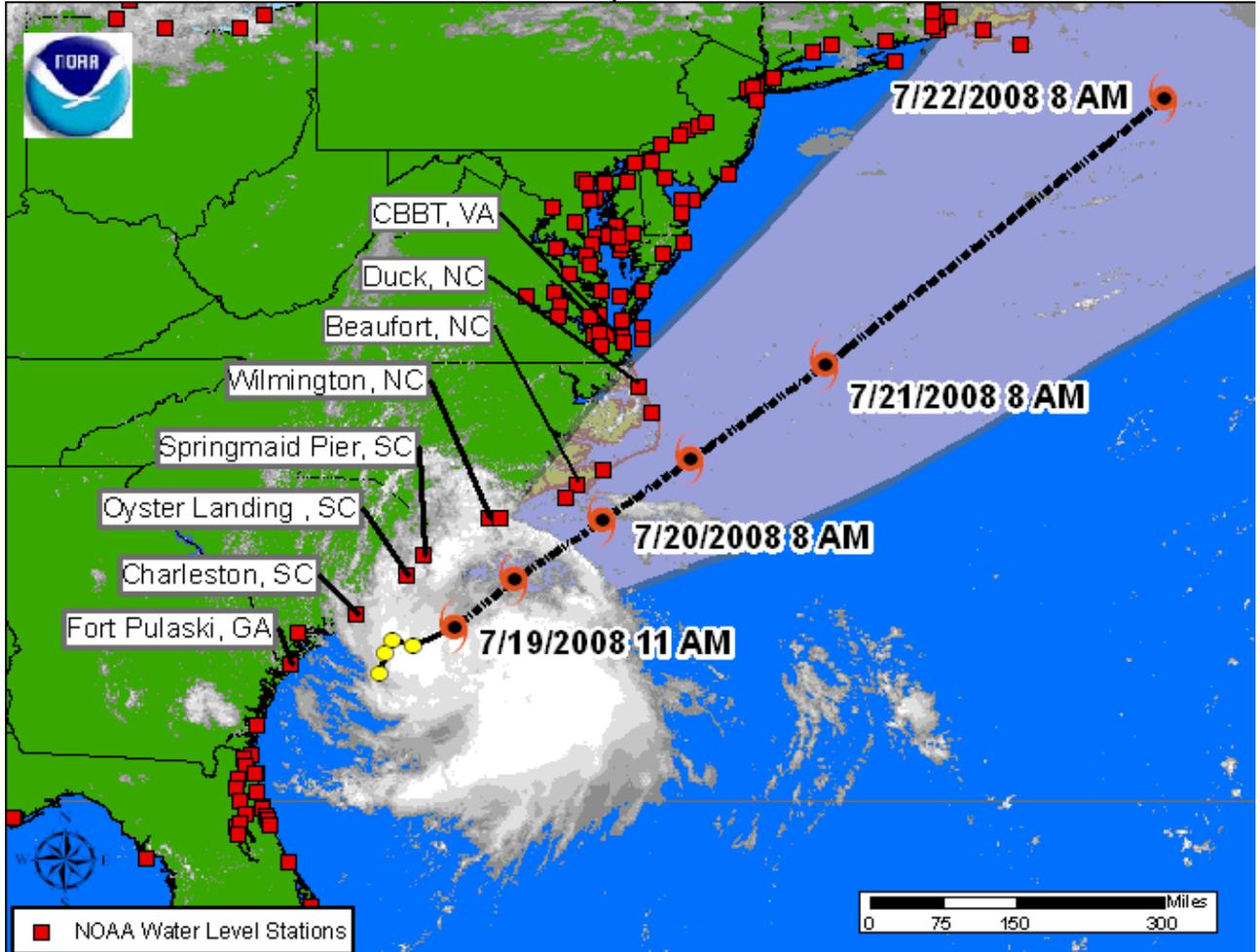




Tropical Depression THREE QuickLook
Posted: 12:30 EDT 07/19/2008

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 07/19/2008 12:00 EDT, water levels from Georgia to North Carolina remain at or slightly above predicted. Barometric pressure is beginning to fall at Springmaid Pier.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Fort Pulaski, GA: Next predicted high tide is 7.4 ft (2.26 m) on 07/19/2008 at 21:51 EDT.

Charleston, SC: Next predicted high tide is 5.8 ft (1.77 m) on 07/19/2008 at 21:46 EDT.

Oyster Landing, SC: Next predicted high tide is 5.1 ft (1.55 m) on 07/19/2008 at 21:24 EDT.

Springmaid Pier, SC: Next predicted high tide is 5.6 ft (1.71 m) on 07/19/2008 at 21:09 EDT.

Wilmington, NC: Next predicted high tide is 4.6 ft (1.40 m) on 07/19/2008 at 23:17 EDT.

Beaufort, NC: Next predicted high tide is 3.8 ft (1.16 m) on 07/19/2008 at 21:45 EDT.

Duck, NC: Next predicted high tide is 3.7 ft (1.13 m) on 07/19/2008 at 21:08 EDT.

CBBT, VA: Next predicted high tide is 2.9 ft (0.88 m) on 07/19/2008 at 21:58 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services website](#). For more information or archived products and reports, please see the [Storm QuickLook Homepage](#).

Analyst: KG & LH

SELECT [NATIONAL HURRICANE CENTER](#) ADVISORY INFORMATION:

TROPICAL DEPRESSION THREE ADVISORY NUMBER 3

...DEPRESSION NEARING TROPICAL STORM STRENGTH...

A TROPICAL STORM WARNING REMAINS IN EFFECT FROM SOUTH SANTEE RIVER SOUTH CAROLINA TO THE NORTH CAROLINA/VIRGINIA BORDER...INCLUDING PAMLICO SOUND. A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA WITHIN THE NEXT 24 HOURS.

AT 1100 AM EDT...1500Z...THE CENTER OF TROPICAL DEPRESSION THREE WAS LOCATED EAST OF CHARLESTON SOUTH CAROLINA AND ABOUT 250 MILES...400 KM...SOUTHWEST OF CAPE HATTERAS NORTH CAROLINA.

MAXIMUM SUSTAINED WINDS ARE NEAR 35 MPH...55 KM/HR...WITH HIGHER GUSTS. THE DEPRESSION COULD BECOME A TROPICAL STORM LATER TODAY...WITH CONTINUED STRENGTHENING POSSIBLE ON SUNDAY.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 1007 MB...29.74 INCHES.

RAINFALL AMOUNTS OF 3 TO 5 INCHES ARE EXPECTED ALONG THE COASTS OF NORTH CAROLINA AND NORTHERN SOUTH CAROLINA...WITH ISOLATED HEAVIER AMOUNTS OVER NORTHEASTERN SOUTH CAROLINA AND SOUTHEASTERN NORTH CAROLINA.

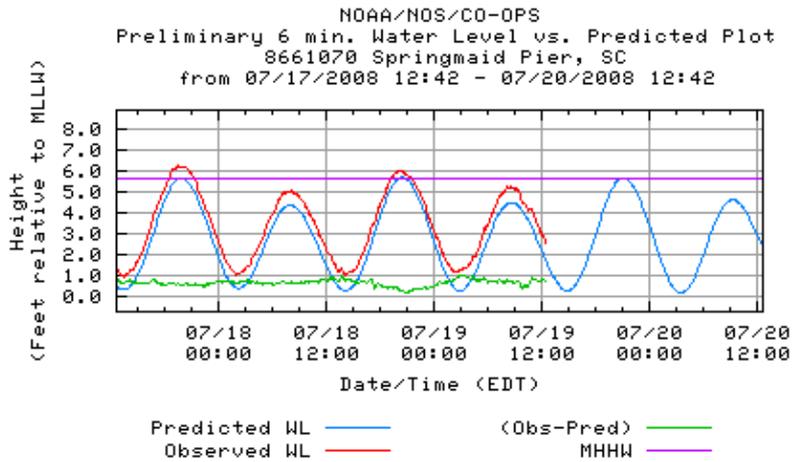
FORECASTER BLAKE/KNABB

Tropical Depression THREE QuickLook, POSTED 12:30 EDT 07/19/2008

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

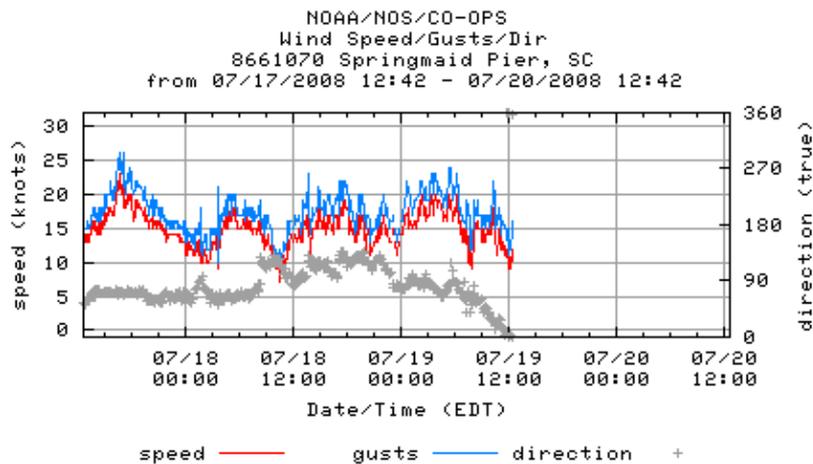
Jump to: [Springmaid Pier - Water Level](#), [Springmaid Pier - Winds](#), [Springmaid Pier - Barometric](#), [Wilmington - Water Level](#), [Oyster Landing \(North Inlet Estuary\) - Water Level](#), [Charleston - Water Level](#), [Fort Pulaski - Water Level](#), [Fort Pulaski - Winds](#), [Fort Pulaski - Barometric](#), [Beaufort - Water Level](#), [Duck - Water Level](#), [Duck - Winds](#), [Duck - Barometric](#), [Chesapeake Bay Bridge Tunnel - Water Level](#), [Chesapeake Bay Bridge Tunnel - Winds](#), [Chesapeake Bay Bridge Tunnel - Barometric](#),

Springmaid Pier, SC - Station Map [Return to List](#)



Last Observed Sample: 07/19/2008 12:30 (EDT)
 Relative to **MLLW**: **Observed: 2.50 ft. Predicted: 1.76 ft. Residual: 0.74 ft.**
 Historical Maximum Water Level: 01/01/1987, 3.65 ft. above **MHHW**

Springmaid Pier, SC - Station Map [Return to List](#)



Last Observed Sample: 07/19/2008 12:30 (EDT)
Wind Speed: 12 knots Gusts: 16 knots Direction: 001° T

Springmaid Pier, SC - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
 Barometric Pressure Plot
 8661070 Springmaid Pier, SC
 from 07/17/2008 12:42 - 07/20/2008 12:42



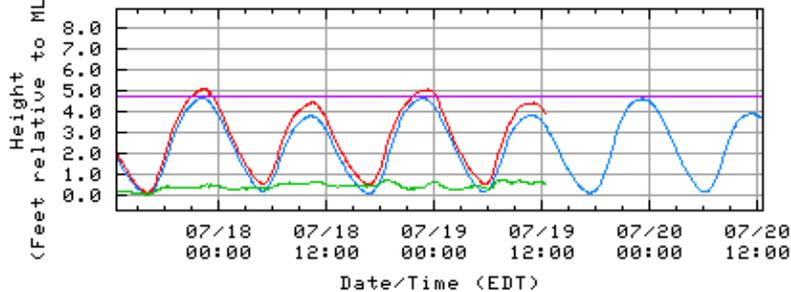
barometric pressure —

Last Observed Sample: 07/19/2008 12:30 (EDT)

Barometric Pressure: 1015.0 mb

Wilmington, NC - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8658120 Wilmington, NC
 from 07/17/2008 12:42 - 07/20/2008 12:42



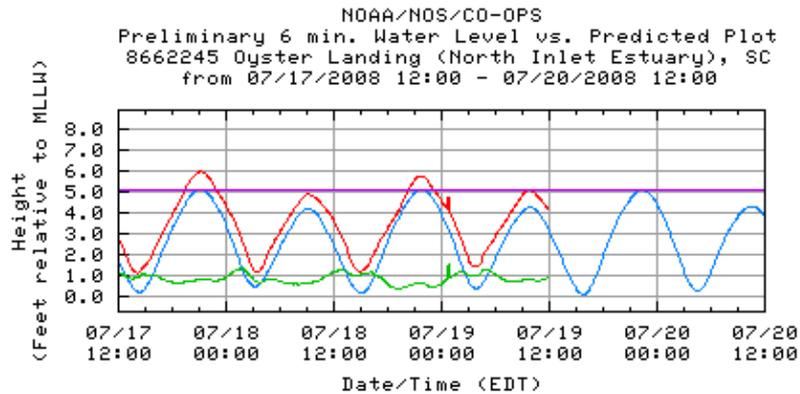
Predicted WL — (Obs-Pred) —
 Observed WL — MHHW —

Last Observed Sample: 07/19/2008 12:30 (EDT)

Relative to **MLLW**: Observed: 3.85 ft. Predicted: 3.30 ft. Residual: 0.55 ft.

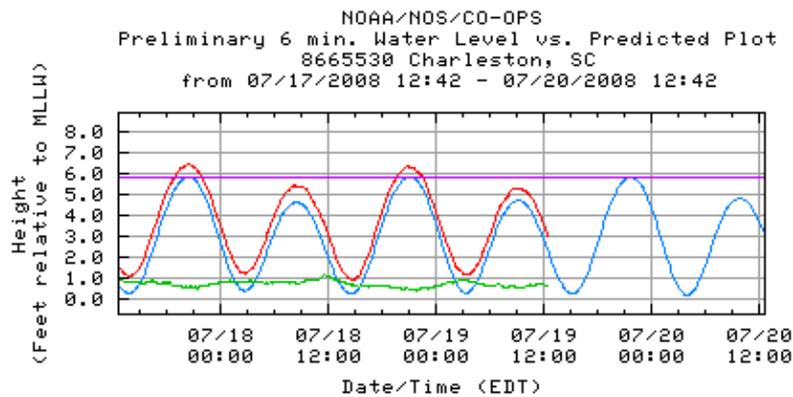
Historical Maximum Water Level: 10/15/1954, 3.47 ft. above **MHHW**

Oyster Landing (North Inlet Estuary), SC - Station Map [Return to List](#)



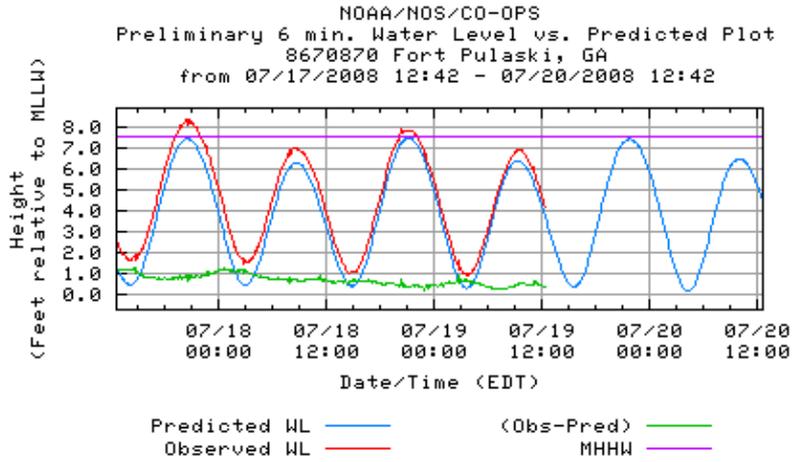
Last Observed Sample: 07/19/2008 11:48 (EDT)
 Relative to **MLLW**: **Observed: 4.19 ft. Predicted: 3.26 ft. Residual: 0.93 ft.**
 Historical Maximum Water Level: 07/22/2001, 2.21 ft. above **MHHW**

Charleston, SC - Station Map [Return to List](#)



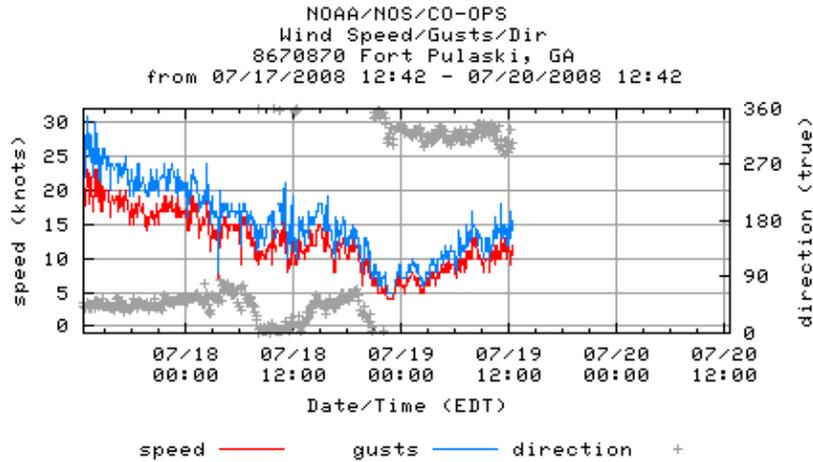
Last Observed Sample: 07/19/2008 12:30 (EDT)
 Relative to **MLLW**: **Observed: 2.99 ft. Predicted: 2.33 ft. Residual: 0.66 ft.**
 Historical Maximum Water Level: 09/21/1989, 6.76 ft. above **MHHW**

Fort Pulaski, GA - Station Map [Return to List](#)



Last Observed Sample: 07/19/2008 12:24 (EDT)
 Relative to **MLLW**: **Observed: 4.14 ft. Predicted: 3.77 ft. Residual: 0.37 ft.**
 Historical Maximum Water Level: 10/15/1947, 3.4 ft. above **MHHW**

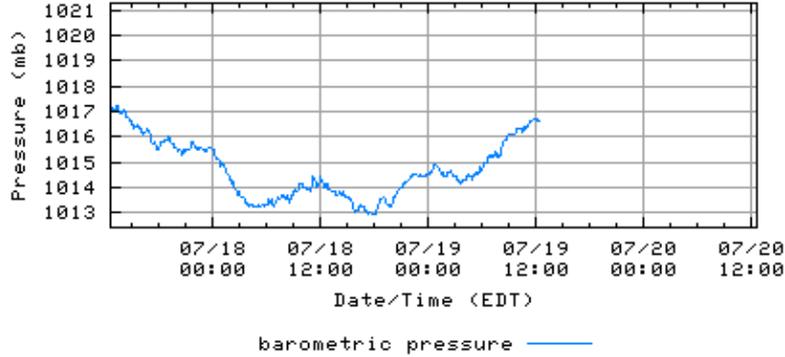
Fort Pulaski, GA - Station Map [Return to List](#)



Last Observed Sample: 07/19/2008 12:24 (EDT)
Wind Speed: 12 knots Gusts: 14 knots Direction: 305° T

Fort Pulaski, GA - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Barometric Pressure Plot
8670870 Fort Pulaski, GA
from 07/17/2008 12:42 - 07/20/2008 12:42

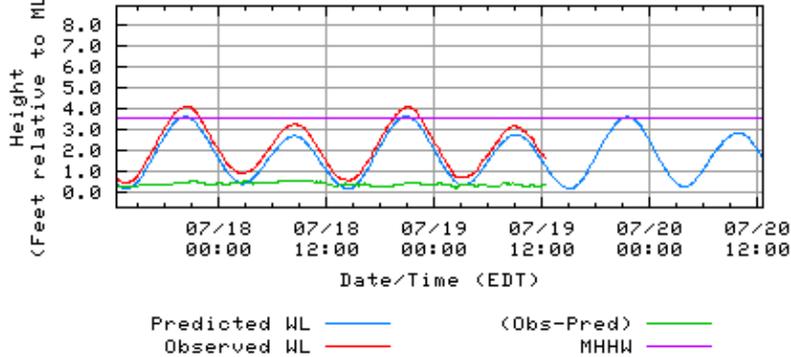


Last Observed Sample: 07/19/2008 12:24 (EDT)

Barometric Pressure: 1016.6 mb

Beaufort, NC - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
8656483 Beaufort, NC
from 07/17/2008 12:42 - 07/20/2008 12:42

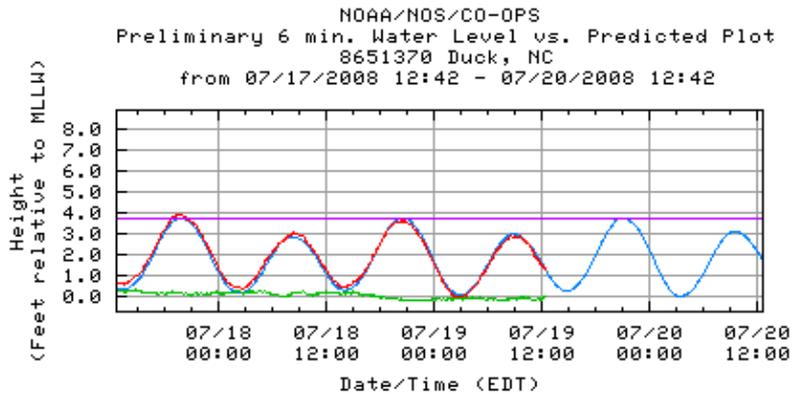


Last Observed Sample: 07/19/2008 12:24 (EDT)

Relative to **MLLW**: **Observed: 1.67 ft.** **Predicted: 1.31 ft.** **Residual: 0.36 ft.**

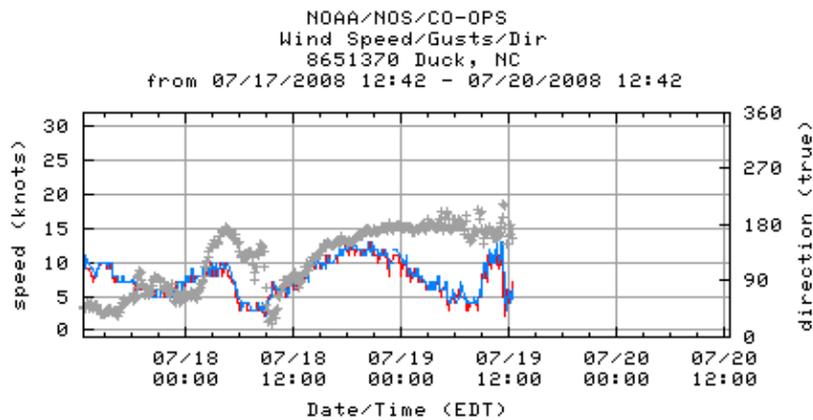
Historical Maximum Water Level: 09/16/1999, 2.74 ft. above **MHHW**

Duck, NC - Station Map [Return to List](#)



Last Observed Sample: 07/19/2008 12:30 (EDT)
 Relative to **MLLW**: **Observed: 1.27 ft. Predicted: 1.30 ft. Residual: -0.03 ft.**
 Historical Maximum Water Level: 08/30/1999, 3.23 ft. above **MHHW**

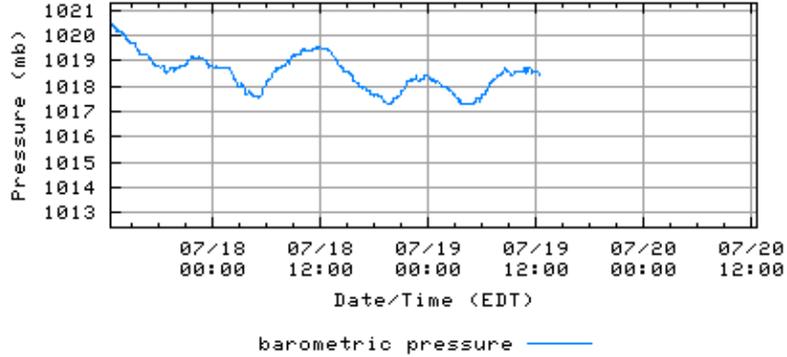
Duck, NC - Station Map [Return to List](#)



Last Observed Sample: 07/19/2008 12:30 (EDT)
Wind Speed: 7 knots Gusts: 6 knots Direction: 159° T

Duck, NC - Station Map [Return to List](#)

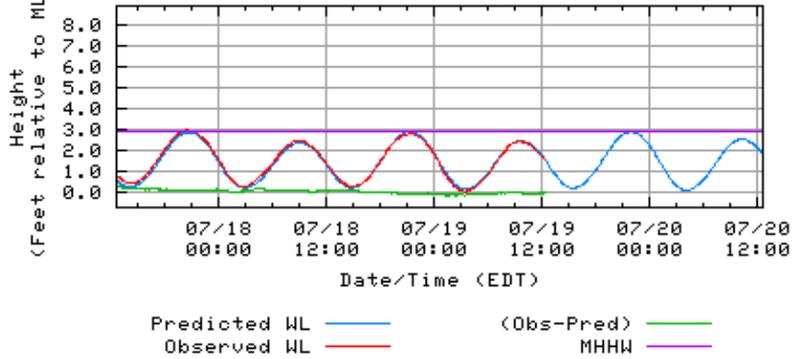
NOAA/NOS/CO-OPS
 Barometric Pressure Plot
 8651370 Duck, NC
 from 07/17/2008 12:42 - 07/20/2008 12:42



Last Observed Sample: 07/19/2008 12:30 (EDT)
 Barometric Pressure: 1018.4 mb

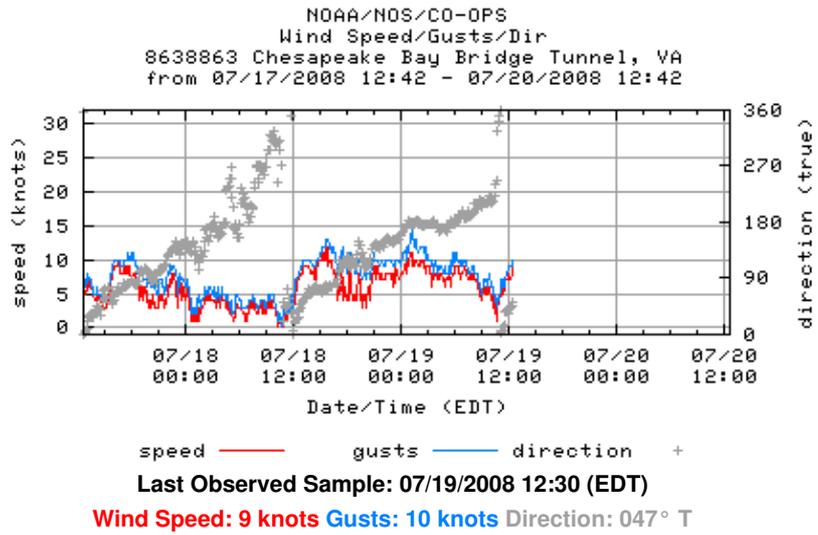
Chesapeake Bay Bridge Tunnel, VA - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8638863 Chesapeake Bay Bridge Tunnel, VA
 from 07/17/2008 12:42 - 07/20/2008 12:42

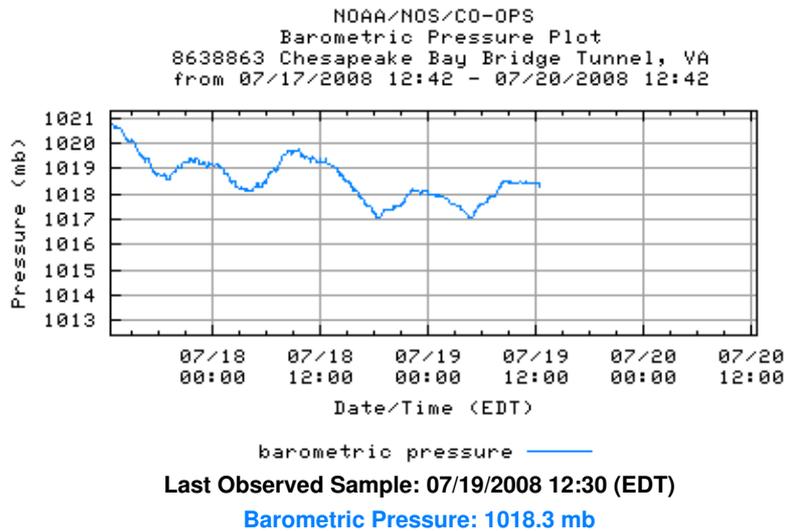


Last Observed Sample: 07/19/2008 12:30 (EDT)
 Relative to **MLLW**: Observed: 1.53 ft. Predicted: 1.51 ft. Residual: 0.02 ft.
 Historical Maximum Water Level: 02/05/1998, 3.68 ft. above **MHHW**

Chesapeake Bay Bridge Tunnel, VA - Station Map [Return to List](#)



Chesapeake Bay Bridge Tunnel, VA - Station Map [Return to List](#)



Tropical Depression THREE QuickLook, POSTED 12:30 EDT 07/19/2008

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National Oceanic and Atmospheric Administration | U.S. Department of Commerce